Creative Enzymes®

biotin-[methylcrotonoyl-CoA-carboxylase] ligase

Cat. No. EXWM-5780

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds. This enzyme participates in biotin metabolism.
Synonyms	biotin-[methylcrotonoyl-CoA-carboxylase] synthetase; biotin-β-methylcrotonyl coenzyme A carboxylase synthetase; β-methylcrotonyl coenzyme A holocarboxylase synthetase; holocarboxylase-synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.4.11
CAS No.	37318-68-6
Reaction	ATP + biotin + apo-[3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)] = AMP + diphosphate + [3-methylcrotonoyl-CoA:carbon-dioxide ligase (ADP-forming)]
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.